

Ackerman, Joyce

From: Jenkins, Katherine
Sent: Tuesday, November 28, 2017 8:28 AM
To: Ackerman, Joyce
Subject: FW: Neuhauser Landfill
Attachments: REDTAIL Ranch _ Columbine landfill findings.pptx

Hi Joyce,

Here is our first inquiry about the work. Kelly and I are going to try and find a time to chat about how we would like to respond to this inquiry. If you would like to be part of that meeting let me know!

Thanks!
Katherine

From: U.S. Privacy Act
Sent: Monday, November 27, 2017 10:17 PM
To: Jenkins, Katherine <jenkins.katherine@epa.gov>; kelly.macgregor@state.co.us
Subject: Neuhauser Landfill

My name is U.S. Privacy Act and I live adjacent to the property upon which today an announcement came out about hazardous materials found outside of the old Erie - Columbine - Laidlaw South - Neuhauser Landfill.

In Dec 2014 / Jan 2015 due to a dig up by Encana (now Crestonepeak) uncovered waste alongside CR5 when digging a pipeline trench. They were penalized at the time for operating a landfill without CD by your own organization. After that incident I did extensive research of this area in your paper/electronic archives in Denver.

I presented this in January 2015 to the BOT in Erie, with representatives of Stratus Group (LAI Design Group) present. I personally send an email to Richard Dean, owner of Stratus Group and Stratus Redtail Ranch LLC, as well as board member of the metro district in January 2015 informing him of the toxic waste present on this property. So saying that the current owner was not aware of this in your Q&A is a false fact, they exactly knew that waste extended beyond the lined boundary of the landfill fence as 1980 aerial pictures were send to Encana, Susan Pratt, the Town and LAI design group.

I have consistently been told by your organizations and the Town of Erie that everything of the exposed IBM drums was contained within the landfill and that no groundwater contamination took place, which is false as 1990 EPA report already confirmed this. So I am pretty shocked to see 3 years later that now suddenly a cleanup is required.

We all have lot of questions and also I would like to see documentation, reports and correspondence on how these drums were discovered, based on which research, geological survey study results. When was the Town of Erie informed on all of this and the BOT?

All the groundwater test result reports, the mitigation plan from the property owner. How many drums are discovered so far, their current corrosion state? If this is a first step (from your fact sheet) what are the next steps, my understanding is Stratos is not owner of the property of the Erie Landfill itself, that is still owned by the Pratt family according to Weld county records, who is going to cleanup that area as that has way more toxic waste inside of it.

I want to see if water samples and test have been done in the drains between my house and the property as well as west towards coal creek and the pond in VR?

Many kids (including my own) play in the park and in the water drain behind my house all the time, I want to understand if they have been exposed by any rundown of this exposed contaminated soil or not in that water.

When was the Town of Erie informed on all of this and the BOT?

No Health Impacts

.. unless they directly access the property. Hundreds of O&G workers have crossed the property and worked on it for past 1 year. Kids play often in the open fields west of the contaminated area. Are you going to fence off the property with warning signs that hazardous/toxic material is present on the property and nobody should enter it?

I like to have a call this week, let me know availability from your side to discuss above points and how I can obtain reports and environmental studies done for this project.

Thanks

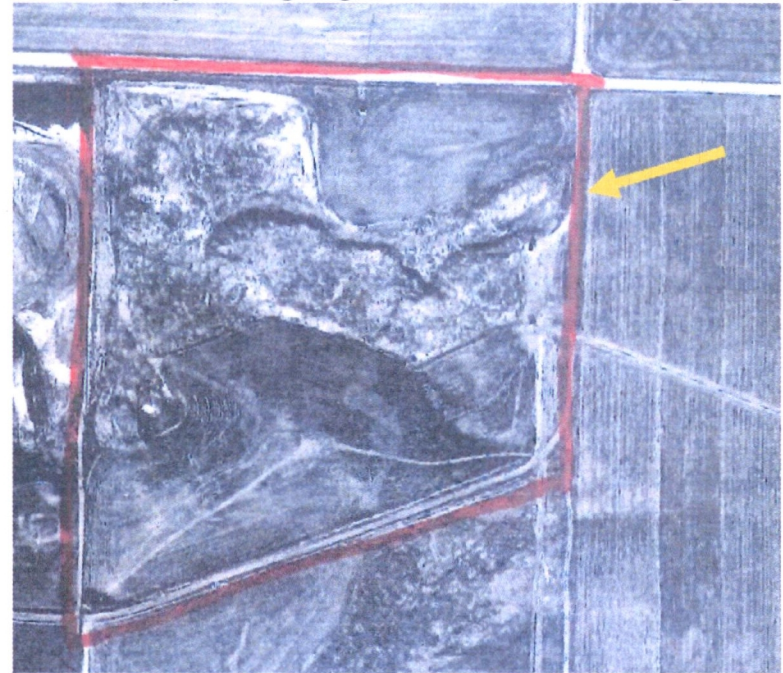
U.S. Privacy Act

Columbine Landfill

- Encana dug up trash out of this location November 2014 and CDPHE send a letter Compliance Advisory which indicated they did indeed dig up trash out of this landfill.
- LAI design group wrote in an email to me “this is just liter not part of the landfill..”
- From the picture below I would not call this liter and who knows what the exact boundaries are of this landfill and what they disturbed by bringing this stuff above grade level?



Trash dig-up and cover up by Encana, fence is the so called boundary of columbine landfill



1981 aerial photo of Columbine landfill send by Pratt property to CDPHE. Clearly boundary in NE section ran all the way to WCR 5 road.

Columbine Landfill Facts

- Operated from 1964 to 1989 (no operations between '69 and '79)
- Under continuous investigations by EPA and CDPHE up to 1992 to add to Superfunds National Priority List (NPL) for complete cleanup.
- EPA finally decided in 1992 due to low residence and small size of contamination the site would be flagged as NFA in the CERCLIS Superfund database. Quote from EPA memo to Erie resident in 1992, memo is embedded in this slide:
"Only about 3.5% of all sites in CERCLIS are placed on the National Priority List. A release to ground water is not sufficient by itself to make a candidate for the National Priority List"



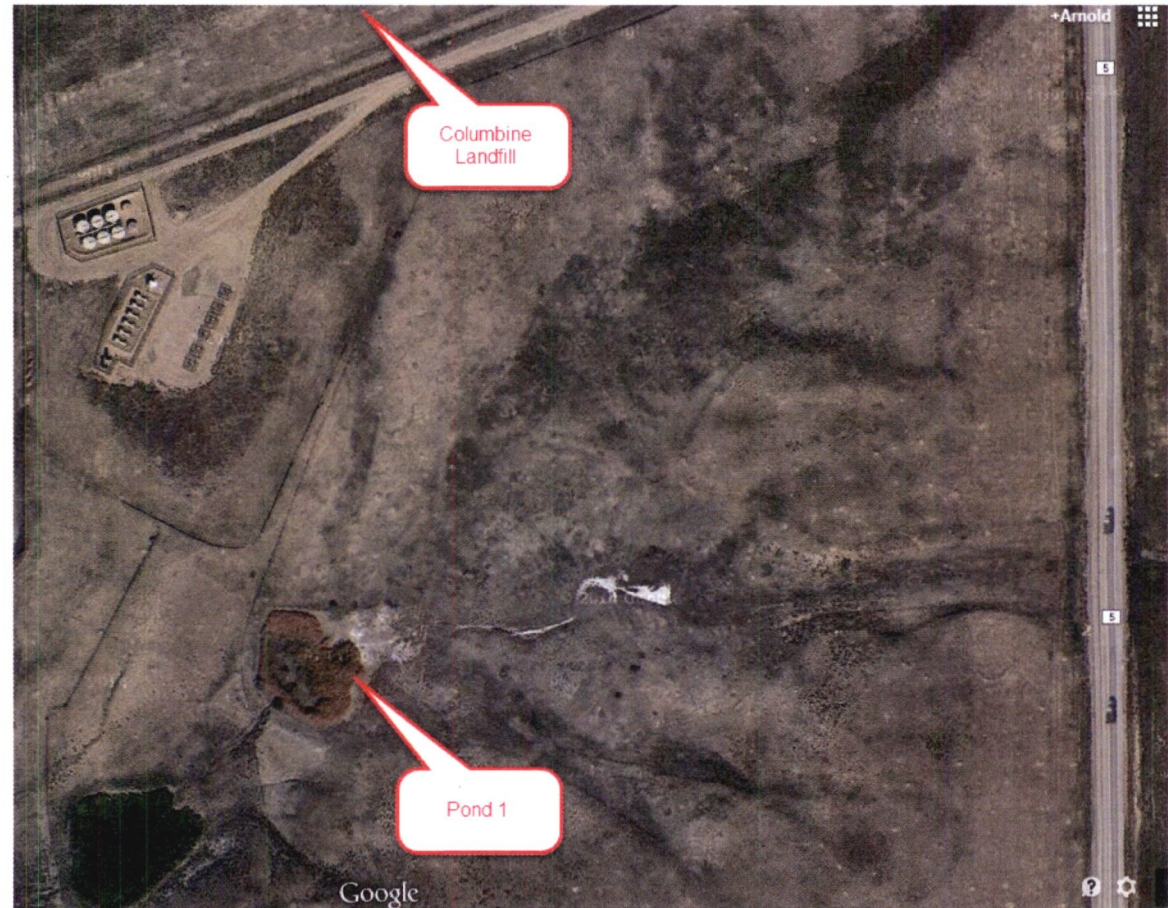
Adobe Acrobat
Document

- Small overview of Hazard Contents (source: final inspection report EPA 1992):
 - 1500 barrels (88,000 gallons) of IBM solvents
 - Torpedo propellant
 - Large amounts of oil, grease and sludge
 - Car wash and grease trap waste
 - Asbestos and cyanide contamination
 - Many more materials are listed and can be found in URS- EPA Site Inspection report of 1992
- Confirmed release to surface and groundwater in the area can be found in both 1990 PA and 1992 inspection reports.

Columbine Landfill Safety Concerns?

Pond 1 seems to show distress of vegetation on current 2015 google maps imagery, when was this surface water last tested?

As the Town requested to incorporate the three ponds in the plans open space I would not let my children play there knowing what was dumped in the Columbine landfill between 1964 and 1989 based on EPA inspection reports.



Regardless of Redtail Ranch development, I would like the Town of Erie to further follow up with EPA to inspect current status of this landfill and the ground and surface water drainage, incl Coal Creek, as well as soil samples. As the last inspection reports seem to be from 1992, we are almost 25 years later, who knows with soil movements what has happened to the liquids inside that landfill and the 1500 barrels (see next page pictures!!)

Columbine Landfill Safety Concerns?



Source: PRELIMINARY ASSESSMENT 1990,
COLUMBINE LANDFILL ERIE, COLORADO
COD 980951735



Pictures from EPA 1990 PA report, drums are surfaced, bulging, leaking with holes and contents are visibly contaminating surface water at that time?

How can we be sure that **25 years later** some of these contents have not migrated further in our ground/surface water?

Cleary visible 4 drums in this picture, imagine there are 1500 or more of those still buried as of today...

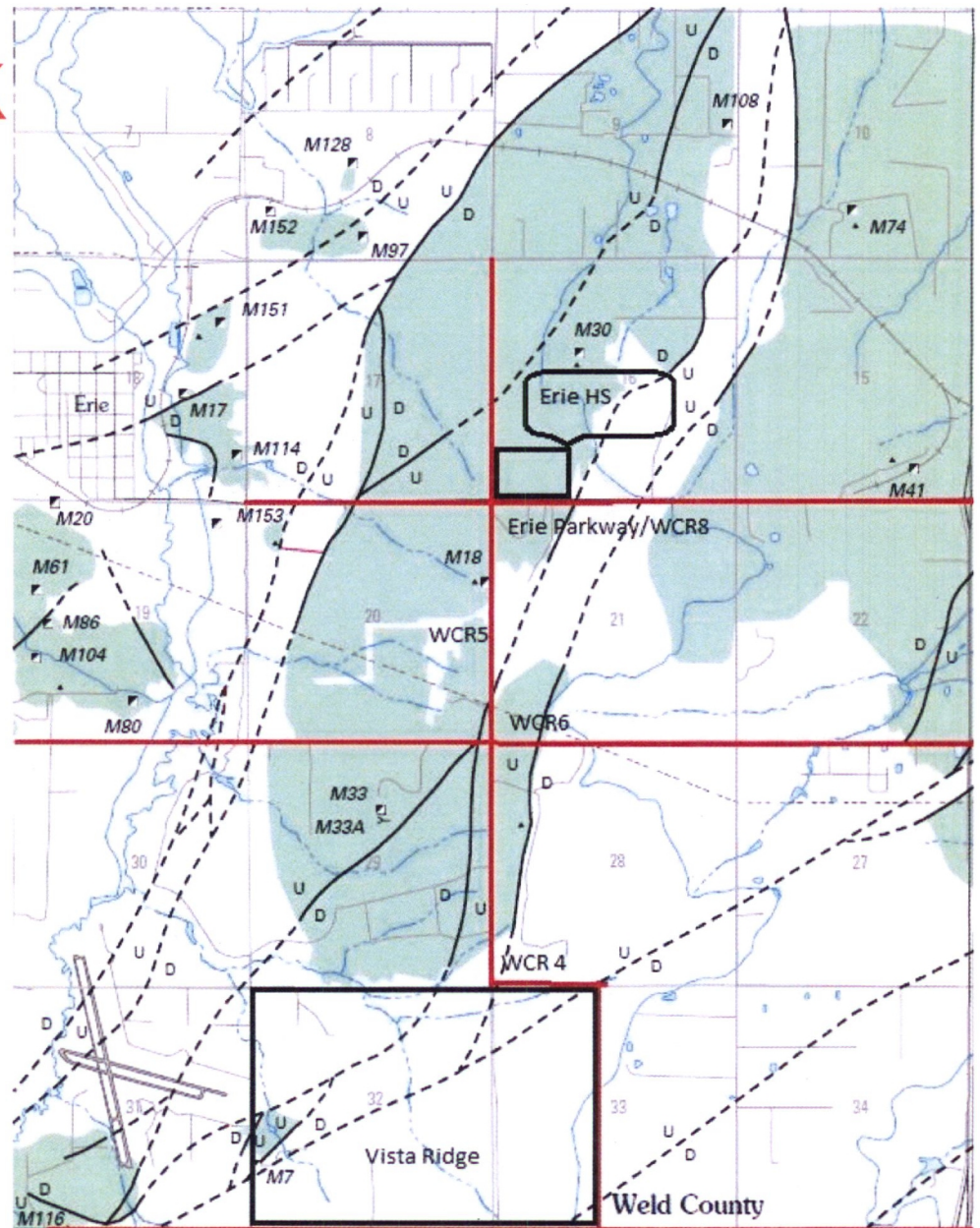
Subsidence Risk

- The entire area lays in a high hazard risk for subsidence.
- A paper based geological study was performed for Redtail Ranch by Western environment and Ecology.

They only took a 2006 water study with 2 bore locations into account for the property, all other conclusions were based off other adjacent property studies done in the past, some of which dating back to 2001.

No recent geological study of the property itself has been performed as of my knowledge.

- The green area above Vista Ridge indicates subsidence hazard area from the Columbine mine shafts.



Subsidence Risk

This shows the Columbine mine shaft and tunnels below the planned Redtail Ranch sub-division plan and current Encana Pratt well pad.

Below the recent subsidence accident in Lafayette on Jan 12th 2015.

Can you imagine if this would happen below one of the 12 Pratt well locations in the planned Redtail Ranch plan?



A SUV teeters on the edge of a sinkhole that opened above an old mine shaft under East Cleveland Street between Foote and Burlington avenues in Lafayette on Monday. (Courtesy Givichairt Carbine)

